



# Australian Bureau of Statistics

## 4913.0.55.001 - Microdata: Pregnancy and Employment Transitions, Australia, Nov 2011 Quality Declaration

Latest ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/2013



### Introduction

Includes: Available Products, Further Information and Data Available on Request

### Survey Methodology

Includes: Scope and Coverage, Survey Design, Data Collection Methodology, Weighting, Benchmarking and Estimation, Comparison with 2005 CURF, Reliability of Estimates, Seasonal Factors and More Information



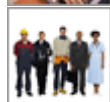
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### INTRODUCTION

This product provides information about the release of microdata from the November 2011 Pregnancy and Employment Transitions Survey including details about the survey methodology and how to use the CURF. Also provided are the data item list, a glossary and information on the conditions of use and the quality of the microdata.

Microdata are the most detailed information available from a survey and are generally the responses to individual questions on the questionnaire or data derived from two or more questions and are released with the approval of the Australian Statistician.

### AVAILABLE PRODUCTS

The following microdata product is available from this survey:

- Expanded CURF via the RADL and ABSDL.

Further information about these services, and other information to assist users in understanding and accessing CURFs in general, is available from the CURF Microdata Entry Page on the ABS web site.

Before you apply for access, users should read and familiarise themselves with the information contained in this product and the User Manual: Responsible Use of ABS CURFs.

To apply for access press the green button below.



### FURTHER INFORMATION

Further information about the survey and the microdata products can be found in this product:

- A detailed list of data items for the Expanded CURF are available on the Downloads tab;
- The Quality Declaration, Abbreviations and Glossary relating to these products can be found on the Explanatory Notes tab;
- Other related products can be found on the Related Information tab.

### DATA AVAILABLE ON REQUEST

Data obtained in the survey but not contained on the CURF may be available from the ABS, on request, as statistics in tabulated form.

Subject to confidentiality and sampling variability constraints, special tabulations can be produced incorporating data items, populations and geographic areas selected to meet individual requirements. These are available on request, on a fee for service basis. Contact the National Information and Referral Service on 1300 135 070 or [client.services@abs.gov.au](mailto:client.services@abs.gov.au) for further information.

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### SURVEY METHODOLOGY

#### SCOPE AND COVERAGE

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### SCOPE AND COVERAGE

The scope of the Labour Force Survey (LFS) is restricted to persons aged 15 years and over and excludes the following people:

- members of the permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from the Census and estimated populations; and
- overseas residents in Australia; and members of non-Australian defence forces (and their dependants).

Students at boarding schools, patients in hospitals, residents of homes (e.g. retirement homes, homes for people with disabilities), and inmates of prisons are excluded from all supplementary surveys.

This supplementary survey was conducted in both urban and rural areas in all states and territories, but excluded persons living in Aboriginal and Torres Strait Islander communities in very remote parts of Australia.

Only women aged 15 years and over who had given birth to a child less than two years ago and were living with that child were included in the survey. The survey excluded:

- women who were members of the Australian permanent defence forces;
- women living in non-private dwellings;
- visitors to private dwellings; and
- all males.

In addition, for those women whose partner at the time of interview was not in scope of the survey (e.g. the partner was in the permanent defence forces), the details of the partner's job at

November 2011 was not collected. For these partners, job details at November 2011 were classified as not applicable.

In the LFS, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection in the survey. See Labour Force, Australia (cat. no. 6202.0) for more details.

## **SURVEY DESIGN**

Supplementary surveys are not conducted on the full LFS sample. Since 1994 the sample for supplementary surveys has been restricted to no more than seven-eighths of the LFS sample. The sample for PaETS is a subsample of 36,604 private dwelling households and special dwelling units included in the ABS Monthly LFS in November 2011. The final sample on which estimates are based is composed of 1,351 birth mothers aged 15 years and over, usually resident in these private and special dwellings in Australia, with at least one child less than two years of age living with them at the time of interview. In cases where women had more than one child under the age of two, data was collected in respect of the employment transitions of women around the birth of their most recent child (i.e. the youngest child).

## **DATA COLLECTION METHODOLOGY**

Data were collected by trained interviewers, who conducted computer-assisted personal and telephone interviews at selected dwellings throughout Australia. These interviews were primarily conducted over two weeks in November 2011, with any follow up activity necessary undertaken during the following two weeks.

The publication, Labour Force, Australia (cat. no. 6202.0), contains information about survey design, sample redesign, scope, coverage and population benchmarks relevant to the monthly LFS, which also applies to the supplementary surveys. It also contains definitions of demographic and labour force characteristics, and information about interviewing which are relevant to both the monthly LFS and supplementary surveys.

## **WEIGHTING, BENCHMARKING AND ESTIMATION**

### **Weighting**

Weighting is the process of adjusting results from a sample survey to infer results for the total population. To do this, a 'weight' is allocated to each sample unit. The weight is a value which indicates how many population units are represented by the sample unit.

The first step in calculating weights for each person is to assign an initial weight, which is equal to the inverse of the probability of being selected in the survey. For example, if the probability of a person being selected in the survey was 1 in 300, then the person would have an initial weight of 300 (that is, they represent 300 people).

Separate weights were calculated for LFS and Pregnancy and Employment Transitions Survey samples (as some units were in scope for LFS but not for the Pregnancy and Employment Transitions Survey). The LFS weighting method ensures that LFS estimates conform to the benchmark distribution of the population by age, sex and geographic area, and also LFS region by sex (two sets of benchmarks). Weights are allocated to each sample respondent according to their state/territory of selection, state/territory of usual residence, part of state of usual residence, age group and sex.

## Benchmarking

The weights were calibrated to align with independent estimates of the population, referred to as benchmarks, in designated categories of sex by age by area of usual residence. Weights calibrated against population benchmarks ensure that the survey estimates conform to the independently estimated distribution of the population rather than to the distribution within the sample itself. Calibration to population benchmarks helps to compensate for over or under-enumeration of particular categories of persons which may occur due to either the random nature of sampling or non-response.

The Pregnancy and Employment Transitions Survey is benchmarked to LFS estimates for the following variables: state or territory of usual residence, part of state or territory of usual residence, sex, age group, social marital status.

Benchmarking to LFS estimates accounts for the one-eighth of the sample where the Pregnancy and Employment Transitions Survey is not conducted and for non-respondents to the Pregnancy and Employment Transitions Survey. The Pregnancy and Employment Transitions Survey weighting excludes all residents in institutions, boarding schools, and very remote areas because the sample scope excludes these people.

Due to differences in scope and sample size between this supplementary survey and that of the LFS, the estimation procedure may lead to some small variations between labour force estimates from this survey and those from the LFS.

## Estimation

Survey estimates of counts of persons are obtained by summing the weights of persons with the characteristic of interest. Estimates of non-person counts (e.g. days away from work) are obtained by multiplying the characteristic of interest with the weight of the reporting person and aggregating.

## COMPARISON WITH 2005 CURF

The ABS conducted the first Pregnancy and Employment Transitions Survey in November 2005. November 2011 was the second time this survey has been conducted. Results from most recent survey, Pregnancy and Employment Transitions, Australia (cat. no. 4913.0) were released in November 2012.

Care should be taken when comparing results from the November 2011 Pregnancy and Employment Transitions Survey to the November 2005 Pregnancy and Employment Transitions Survey.

The November 2011 Pregnancy and Employment Transitions Survey was redeveloped to better capture information on:

- job details and types of leave taken while women were pregnant;
- job details about women's first job started or returned to since the birth of the child;
- women with a child under 2 years, job at November 2011;
- partner's job details and types of leave taken while women were pregnant;
- job details about partner's first job started or returned to since the birth of the child; and
- partner's job details at November 2011.

Information on key changes made to the Pregnancy and Employment Transitions Survey can be found in the Explanatory Notes of the publication, Pregnancy and Employment Transitions, Australia (cat. no. 4913.0).

As a result of the redevelopment, the data items on the 2011 CURF will not align with the data items on the 2005 CURF.

## RELIABILITY OF ESTIMATES

All sample surveys are subject to error which can be broadly categorised as either sampling error or non-sampling error.

- Sampling error occurs because only a small proportion of the total population is used to produce estimates that represent the whole population. Sampling error can be reliably measured as it is calculated based on the scientific methods used to design surveys.
- Non-sampling error can occur at any stage throughout the survey process. For example, persons selected for the survey may not respond (non-response); survey questions may not be clearly understood by the respondent; responses may be incorrectly recorded by interviewers; or there may be errors when coding or processing the survey data.

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### Sampling error

One measure of the likely difference between an estimate derived from a sample of persons and the value that would have been produced if all persons in scope of the survey had been included, is given by the Standard Error (SE) which indicates the extent to which an estimate might have varied by chance because only a sample of persons was included. There are about two chances in three (67%) that the sample estimate will differ by less than one SE from the number that would have been obtained if all persons had been surveyed and about 19 chances in 20 (95%) that the difference will be less than two SEs.

Another measure of the likely difference is the Relative Standard Error (RSE), which is obtained by expressing the SE as a percentage of the estimate.

Generally, only estimates (numbers, percentages, means and medians) with RSEs less than 25% are considered sufficiently reliable for most purposes. In ABS publications, estimates with an RSE of 25% to 50% are preceded by an asterisk (e.g. \*15.7) to indicate that the estimate should be used with caution. Estimates with RSEs over 50% are indicated by a double asterisk (e.g. \*\*2.8) and should be considered unreliable for most purposes.

In addition to the main weight (as outlined earlier), each record on the CURF also contains a set of 30 'replicate weights' applicable to the Pregnancy and Employment Transitions Survey. The purpose of these replicate weights is to enable the calculation of the standard error on each estimate produced. This method is known as the 30 group Jackknife variance estimator.

The basic concept behind this replication approach is to select different sub-samples repeatedly (30 times) from the whole sample. For each of these sub-samples the statistic of interest is calculated. The variance of the full sample statistics is then estimated using the variability among the replicate statistics calculated from these sub-samples. As well as enabling variances of estimates to be calculated relatively simply, replicate weights also enable unit record analyses such as chi-square and logistic regression to be conducted which take into account the sample design.

Further information about RSEs and how they are calculated can be referenced in the section on

## **Non-sampling error**

Non-sampling error may occur in any collection, whether it is based on a sample or a full count such as a census. One of the main sources of non-sampling error is non-response by persons selected in the survey. Non-response occurs when persons cannot or will not cooperate, or cannot be contacted. Non-response can affect the reliability of results and can introduce a bias. The magnitude of any bias depends upon the rate of non-response and the extent of the difference between the characteristics of those persons who responded to the survey and those that did not.

Every effort was made to reduce non-response and other non-sampling errors by careful design and testing of the questionnaire, training and supervision of interviewers, and undertaking extensive editing and quality control procedures at all stages of data processing.

## **SEASONAL FACTORS**

Estimates are based on information collected in the survey month, and, due to seasonal factors, they may not be representative of other months of the year.

## **MORE INFORMATION**

Further information on the survey methodology can be found in:

- Labour Statistics: Concepts, Sources and Methods (cat. no. 6102.0.55.001);
- Information Paper: Labour Force Survey Sample Design, November 2007 (Third edition) (cat. no. 6269.0);
- Labour Force Survey Standard Errors, 2005 (cat. no. 6298.0); and
- Information Paper: Questionnaires Used in the Labour Force Survey, 2004 (cat. no. 6232.0).







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### FILE STRUCTURE

#### WEIGHTS AND ESTIMATION

#### STANDARD ERRORS

#### NOT APPLICABLE CATEGORIES

### WEIGHTS AND ESTIMATION

As the survey was conducted on a sample of households in Australia, it is important to take account of the method of sample selection when deriving estimates from the CURF. This is particularly important as a person's chance of selection in the survey varied depending on the state or territory in which they lived.

Each person record contains a weight which for the Pregnancy and Employment Transitions Survey is called FINPRSWT. The weight indicates the number of people in the civilian population represented by that person.

The Pregnancy and Employment Transitions Survey weight, FINPRSWT, appears on all 1,351 records. The estimates in the Pregnancy and Employment Transitions Survey publication are based on these records, that is women with a child under the age of two years during November 2011. Therefore when using FINPRSWT, to match the published Pregnancy and Employment Transitions Survey total estimate, the filter POP1=1 must be used.

Where estimates are derived from the CURF, it is essential that they are calculated by adding the weights of persons in each category and not just by counting the number in each category. If each person's 'weight' is ignored, then no account would be taken of a person's chance of selection or of different response rates across population groups, and the resulting estimates could be significantly biased and would only represent distributions within the actual selected sample and not the population of interest. The application of weights will ensure that the subsequent estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

For further information see the Explanatory Notes in the publication Pregnancy and Employment Transitions, Australia, November 2011 (cat. no. 4913.0).

### STANDARD ERRORS

Standard errors for each estimate produced from this CURF can be calculated using the replicate weights provided on the file.

Each person record contains a set of 30 replicate weights. Replicate weights applicable to the

Pregnancy and Employment Transitions Survey data items, contain the prefix 'WPX02'. By using these weights, it is possible to calculate standard errors for weighted estimates produced from the microdata. This method is known as the 30 group Jackknife variance estimator. For data items that are only applicable to the Pregnancy and Employment Transitions Survey, refer to Data Item List.

Under the Jackknife method of replicate weighting, weights were derived as follows:

- 30 replicate groups were formed with each group formed to mirror the overall sample (where units from a collection district all belong to the same replicate group and a unit can belong to only one replicate group)
- one replicate group was dropped from the file and then the remaining records were weighted in the same manner as for the full sample
- records in that group that were dropped received a weight of zero.

This process was repeated for each replicate group (i.e. a total of 30 times). Ultimately each record had 30 replicate weights attached to it with one of these being the zero weight.

Replicate weights enable variances of estimates to be calculated relatively simply. They also enable unit records analyses such as chi-square and logistic regression to be conducted which take into account the sample design. Replicate weights for any variable of interest can be calculated from the 30 replicate groups, giving 30 replicate estimates. The distribution of this set of replicate estimates, in conjunction with the full sample estimate (based on the general weight) is then used to approximate the variance of the full sample.

To obtain the standard error of a weighted estimate  $y$ , the same estimate is calculated using each of the 30 replicate weights. The variability between these replicate estimates (denoting  $y_{(g)}$  for group number  $g$ ) is used to measure the standard error of the original weighted estimate  $y$  using the formula:

$$SE(y) = \sqrt{(29/30) \sum_{g=1}^{30} (y_{(g)} - y)^2}$$

Where:

$g$  = the replicate groups

$y_{(g)}$  = the weighted estimate, having applied the weights for replicate group 'g'

$y$  = the weighted estimate from the full sample.

The 30 group Jackknife method can be applied not just to estimates of population total, but also where the estimate  $y$  is a function of estimates of population total, such as a proportion, difference or ratio. For more information on the 30 group Jackknife method of SE estimation, see Research Paper: Weighting and Standard Error Estimation for ABS Household Surveys (Methodology Advisory Committee), July 1999 (cat. no. 1352.0.55.029).

Use of the 30 group Jackknife method for complex estimates, such as regression parameters from a statistical model, is not straightforward and may not be appropriate. The method as described does not apply to investigations where survey weights are not used, such as in unweighted statistical modelling.

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The following table has been provided to enable CURF users to check some of the relative standard errors they have produced.

## Women with child under 2 years—By selected characteristics

	Women '000	Relative Standard Error %
Age of women (years)		
15—24	59.4	10.9
25—29	130.3	5.3
30—34	175.8	4.7
35—39	112.9	5.8
40 and over	44.9	10.3
Social marital status		
Married	459.6	3.1
Not married	63.7	9.2
Country of birth and period of arrival		
Born in Australia	385.6	3.5
Born overseas	137.7	5.0
Arrived before 2001	54.9	10.2
Arrived 2001 to the date of interview	82.8	5.2
<b>Total</b>	<b>523.3</b>	<b>3.2</b>

### NOT APPLICABLE CATEGORIES

Many data items included in the microdata include a 'Not applicable' category. The classification value of the 'Not applicable' category, where relevant, is shown in the relevant data item lists available on the Downloads tab.

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### USING THE CURF

#### ABOUT THE CURF

#### IDENTIFIERS

#### EXPANDED CURF FILE CONTENTS

### ABOUT THE CURF

The data included in the Pregnancy and Employment Transition Survey, November 2011 Expanded CURF are released under the provisions of the **Census and Statistics Act 1905**. This legislation allows the Australian Statistician to release unit record data, or microdata, provided this is done "in a manner that is not likely to enable the identification of a particular person or organisation to which it relates."

The ABS ensures the confidentiality of the data by:

- removing name, address and any other information that might uniquely identify any individual
- changing a small number of values - particularly unusual values - and removing very unusual records
- controlling the detail available for all records on the Expanded CURF
- excluding some data items that were collected
- controlling the modes of access to restrict access to more detailed data
- placing restrictions on how the data are used, supported by both information in the User Manual: Responsible Use of ABS CURFs, the undertaking signed by the head of each organisation and the terms and conditions signed by each user.

As a result, data on the Expanded CURF will not exactly match other previously published estimates. Any changes to the distribution of values are not significant and the statistical validity of aggregate data is not affected.

### IDENTIFIERS

Each person has a unique random identifier - ABSPID.

### EXPANDED CURF FILE CONTENTS

The Pregnancy and Employment Transitions Survey November 2011 Expanded CURF can be accessed on the RADL and ABSDL and is available in SAS, SPSS and STATA formats. The

Expanded CURF comprises the following files:

### Data files

- SAS FILE: PAET11E.SAS7BDAT contains the CURF data in SAS format
- SPSS FILE: PAET11E.SAV contains the CURF data in SPSS format
- STATA FILE: PAET11E.DTA contains the CURF data in STATA format

### Information files

- DATA ITEMS LIST: contains all the data items, including details of categories and code values
- FORMATS FILE: FORMATS.sas7bcat is a SAS library containing formats
- FREQUENCY FILES: The following frequency files contain documentation of the person level data. Data item code values and category labels are provided with frequencies of each value. These files are in plain text format
  - FREQUENCIES\_UNWTD\_PAET11E.txt
  - FREQUENCIES\_SUPWTD\_PAET11E.txt

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### DATA ITEM LIST

The Pregnancy and Employment Transitions Survey comprised a questionnaire containing 4 modules and approximately 170 questions.

All data items are available for the Pregnancy and Employment Transitions Survey sample. Users intending to purchase the CURF should ensure that the data they require, and the level of detail they need, are available in this product.

The Expanded CURF file contains 166 data items. The data items list for the Expanded CURF, including relevant population and classification details, can be found in the Excel spreadsheet available from the Downloads tab. The data items are sorted by like items in 10 worksheets contained in the spreadsheet.

These worksheets are named as follows:

- Populations;
- Record Identifiers & Weights;
- Demographic;
- Income;
- Womens job while pregnant;
- Partners job during pregnancy;
- Womens first job after birth;
- Partners first job after birth;
- Womens current job; and
- Partners current job.

The Pregnancy and Employment Transitions Survey Expanded CURF contain 1,351 confidentialised respondent records from the survey. Subject to the limitations of the sample size and the data classifications used, it is possible to interrogate the CURF, produce tabulations and undertake statistical analyses to individual specifications.

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### CONDITIONS OF USE

#### USER RESPONSIBILITIES

The **Census and Statistics Act 1905** includes a legislative guarantee to respondents that their confidentiality will be protected. This is fundamental to the trust the Australian public has in the ABS, and that trust is in turn fundamental to the excellent quality of ABS information. Without that trust, survey respondents may be less forthcoming or truthful in answering our questionnaires. For more information, see 'Avoiding inadvertent disclosure' and 'Microdata' on our web page How the ABS keeps your information confidential.

#### CURF data

The release of CURF data is authorised by Clause 7 of the Statistics Determination made under subsection 13(1) of the **Census and Statistics Act 1905**. The release of a CURF must satisfy the ABS legislative obligation to release information in a manner that is not likely to enable the identification of a particular person or organisation.

This legislation allows the Australian Statistician to approve release of unit record data. All CURFs released have been approved by the Statistician. Prior to being granted access to CURFs, each organisation's Responsible Officer must submit a CURF Undertaking to the ABS. The CURF Undertaking is required by legislation and states that, prior to CURFs being released to an organisation, a Responsible Officer must undertake to ensure that the organisation will abide by the conditions of use of CURFs. Individual users are bound by the undertaking signed by the Responsible Officer.

All CURF users are required to read and abide by the conditions and restrictions in the User Manual: Responsible Use of ABS CURFs. Any breach of the CURF Undertaking may result in withdrawal of service to individuals and/or organisations. Further information is contained in the Consequences of Failing to Comply web page.

### CONDITIONS OF SALE

All ABS products and services are provided subject to the ABS Conditions of Sale. Any queries relating to these Conditions of Sale should be emailed to [intermediary.management@abs.gov.au](mailto:intermediary.management@abs.gov.au).

### PRICE

Microdata access is priced according to ABS Pricing Policy and Commonwealth Cost Recovery Guidelines. For details refer to ABS Pricing Policy on the ABS website. For microdata prices refer

to the Microdata prices web page.

## **HOW TO APPLY FOR ACCESS**

Clients wishing to access the microdata should read the How to Apply for Microdata web page. Clients should familiarise themselves with the User Manual: Responsible Use of ABS CURFs and other related microdata information which are available via the Microdata web pages, before applying for access through MiCRO.

## **AUSTRALIAN UNIVERSITIES**

The ABS/Universities Australia Agreement provides participating universities with access to a range of ABS products and services. This includes access to microdata. For further information, university clients should refer to the ABS/Universities Australia Agreement web page.

## **FURTHER INFORMATION**

The Microdata Entry page on the ABS website contains links to microdata related information to assist users to understand and access microdata. For further information users should email [microdata.access@abs.gov.au](mailto:microdata.access@abs.gov.au) or telephone (02) 6252 7714.

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## **4913.0.55.001 - Microdata: Pregnancy and Employment Transitions, Australia, Nov 2011** Quality Declaration

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The following microdata product is available from the Pregnancy and Employment Transitions, Australia, November 2011:

- Expanded CURF via the Remote Access Data Laboratory (RADL) and ABS Data Laboratory (ABSDL)

Apply online for access to these products at <http://www.abs.gov.au/about/microdata>.

These products contain data from the monthly Labour Force Survey and the related Pregnancy and Employment Transitions supplementary survey.

Presents employment transitions information on birth mothers of a child under two years of age living with them at the time of interview in November 2011.

In situations where women had more than one child under the age of two, data was collected in respect of the employment transitions of women around the most recent birth (i.e the youngest child).

Data collected about women's job during pregnancy; first job started or returned to after the birth; current job details; partner's job while the woman was pregnant; partner's first job started or returned to after the birth; and partner's current job details are cross-classified by characteristics such as income, industry and occupation and demographic characteristics.

The microdata enables users to tabulate, manipulate and analyse data. Steps to confidentialise the dataset are taken to ensure the integrity of data and maintain confidentiality of respondents. This includes removing any information that might uniquely identify an individual, reducing the level of detail for some items and collapsing some categories.

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### GLOSSARY

**A B C D E E G H I J K L M N O P Q R S I U V W X Y Z**

#### **Away from job/business throughout pregnancy**

Women who had a job while pregnant, but who were on leave/away from their job or business for the full period of the pregnancy.

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#### **Baby Bonus**

Baby Bonus is paid by the Australian Government to eligible families following the birth of a child or for adopted children who enter the family's care before they turn 16 years old. A family can not receive both Paid Parental Leave and Baby Bonus for the one birth or adoption.

#### **Birth mother**

The natural mother of a child, i.e. the woman who gave birth to that child. Birth mothers residing with at least one child aged under two years were in scope for this survey.

#### **Born in Australia**

Includes persons born in Australia, Norfolk Island and Australian External Territories.

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#### **Contributing family worker**

A person who works without pay, in an economic enterprise operated by a relative.

#### **Current main job**

The main job which the person is currently employed at.

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#### **Employed**

People aged 15 years and over who, during the reference week:

- worked for one hour or more for pay, profit, commission or payment in kind, in a job or business or on a farm (comprising employees, employers and own account workers); or

- worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or
- were employees who had a job but were not at work and were:
  - away from work for less than four weeks up to the end of the reference week; or
  - away from work for more than four weeks up to the end of the reference week and received pay for some or all of the four week period to the end of the reference week; or
  - away from work as a standard work or shift arrangement; or
  - on strike or locked out; or
  - on workers' compensation and expected to return to their job; or
- were employers or own account workers who had a job, business or farm, but were not at work.

## **Employees**

People who:

- worked for a public or private employer; and
- received remuneration in wages or salary; or were paid a retainer fee by their employer and worked on a commission basis, or for tips, piece-rates or payment in kind; or
- operated their own incorporated enterprise with or without hiring employees.

## **Employers**

People who operate their own unincorporated economic enterprise or engage independently in a profession or trade, and hire one or more employees.

## **Employment type**

Classifies employed people according to the following categories on the basis of their main job (that is, the job in which they usually worked the most hours):

- Employees (excluding owner managers of incorporated enterprises);
  - with paid leave entitlements;
  - without paid leave entitlements;
- Owner managers of incorporated enterprises;
- Owner managers of unincorporated enterprises;
- Contributing family workers.
- 

## **Equivalised household income**

Total household income that has been adjusted using an equivalence scale. Equivalence scales are used to adjust the actual incomes of households in a way that enables the analysis of the relative well-being of people living in households of different size and composition. For a household comprising more than one person, it is an indicator of the total household income that would need to be received by a lone person household to enjoy the same level of economic well-being as the household in question. If one or more persons in the household has refused to provide income, the household has been excluded from this category.

The equivalence scale is built up by allocating points to each person in a household. Taking the first adult in the household as having a weight of 1 point, each additional person who is 15 years or older is allocated 0.5 points, and each child under the age of 15 is allocated 0.3 points.

Equivalised household income is derived by dividing total household income by a factor equal to the sum of the equivalence points allocated to the household members. The equivalised income of a lone person household is the same as its unequivalised income.

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## **Family**

Two or more persons, one of whom is at least 15 years of age, who are related by blood, marriage (registered or de facto), adoption, step or fostering, and who are usually resident in the same household. The basis of a family is formed by identifying the presence of a couple relationship, lone parent-child relationship or other blood relationship. Some households will, therefore, contain more than one family.

## **Family day care**

A type of formal care provided in caregivers' homes.

## **First job started or returned to**

The first job in which the person had started or returned to since the birth of child.

## **Formal care**

Regulated care away from the child's home. The main types of formal care are long day care, family day care and occasional care.

## **Full-time workers**

Employed persons who usually worked 35 hours or more a week.

## **Full-time workers in main job**

Employed people who usually worked 35 hours or more a week (in their main job) and others who, although usually worked less than 35 hours a week, worked 35 hours or more during the reference week.

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## **Had a job while pregnant**

Women who had a job for some or all of the period during which they were pregnant. This includes women who were away from their job or business throughout their pregnancy.

## **Household**

A group of two or more related or unrelated people who usually reside in the same dwelling.

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## **Incorporated enterprise**

A enterprise which is registered as a separate legal entity to its members or owners. Also known as a limited liability company.

## **Industry**

An industry is a group of businesses or organisations that undertake similar economic activities to produce goods and/or services. In this publication, industry refers to ANZSIC Division as

classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 (cat. no.1292.0).

### **Informal care**

Unregulated care either in the child's home or elsewhere. It includes care by (step) brothers or sisters, care by grandparents, care by other relatives (including the other parent) and care by other (unrelated) people such as friends, neighbours, nannies or babysitters. It may be paid or unpaid.

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### **Job**

In this survey a 'job' is defined as a set of tasks designed to be performed by one person either:

- for an employer in return for pay, commission or payment in kind; or
- as an operator of an enterprise (either incorporated or unincorporated); or
- when engaging independently in a profession or trade; or
- as a contributing family worker working without pay in an enterprise operated by a relative.

### **Job held during pregnancy**

The main job in which the person was working in before the birth of child.

### **Job sharing**

Job sharing is an arrangement in which two or more people share the one full-time job, each working part time. Job sharing is available in a wide range of industries, and is in place to help employees achieve a balance between work and other aspects of their life.

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### **Leave**

Paid or unpaid time away from work taken by employed persons. An individual's specific work arrangements will determine the particular lengths and types of leave to which they have access.

### **Length of leave**

Total amount of paid or unpaid leave or time away from a job for the child's birth and subsequent care until the mother returns or joins the workforce after the birth of the child or until the date of interview. It refers to the total amount of leave taken by the women or partner up until the date of interview.

### **Long day care**

Regulated care that is provided to children in a dedicated centre.

### **Long service leave**

A period of paid leave granted to an employee in recognition of a long period of service to an employer.

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### **Main job**

The job in which the most hours were usually worked.

### **Married**

Marital status relates to a 'social marital status' where married is classified as a person who is living with another person in a couple relationship. This relationship is either a registered marriage, or a de facto marriage.

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### **Not in the labour force**

People who were not in the categories 'employed' or 'unemployed' as defined.

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### **Occasional care**

A type of formal care provided mainly for families who require short term care for their children.

### **Occupation**

An occupation is a collection of jobs that are sufficiently similar in their title and tasks, skill level and skill specialisation which are grouped together for the purposes of classification. In this publication occupation refers to Major Group as defined by ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1, 2009 (cat. no. 1220.0).

### **One parent family**

For the purpose of this survey, a family consisting of a lone female parent with at least one natural child aged under two years of age who is also usually resident in the family. The family may also include any number of other dependants, non-dependants and other related individuals.

### **Other paid leave (women)**

For the purpose of this survey, all types of paid leave other than paid maternity leave, paid holiday leave or long service leave.

### **Other person care**

Informal care by people who are not related to the child including friends, babysitters and nannies.

### **Other relative care**

Informal care by relatives of the child excluding parents, not otherwise categorised.

### **Other unpaid leave**

This includes all other types of unpaid leave that has not been stated which the women or their partner took for the birth of child.

### **Own account workers**

People who operated their own unincorporated economic enterprise or engaged independently in a profession or trade, and hired no employees.

## **Owner managers**

People who work in their own business, with or without employees, whether or not the business is an incorporated enterprise. Comprises owner managers of incorporated enterprises and owner managers of unincorporated enterprises.

### **Owner managers of incorporated enterprises (OMIEs)**

People who work in their own incorporated enterprise, that is, a business entity which is registered as a separate legal entity to its members or owners (may also be known as a limited liability company). These people are classified as employees under 'status in employment'.

### **Owner managers of unincorporated enterprises (OMUEs)**

People who operated their own unincorporated enterprise, that is, a business entity in which the owner and the business are legally inseparable, so that the owner is liable for any business debts that are incurred. Includes those engaged independently in a trade or profession. These people are classified as employers under 'status in employment' if their business has employees, or own account workers if it does not.

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## **Paid maternity leave**

Paid leave that a woman receives for the birth of her child. It is generally for a period before the due date and just after the birth of the child. Depending on the woman's workplace, she may be entitled to paid maternity leave for a number of months.

## **Paid Parental Leave**

For the purpose of this survey mothers of children born on or after 1 January 2011, were asked about their entitlement to Paid Parental Leave, subject to government eligibility conditions. The Paid Parental Leave scheme provides financial support to eligible working parents of newborn or recently adopted children. If eligible, persons may receive up to 18 weeks of Parental Leave Pay at the rate of the National Minimum Wage.

## **Partner**

For the purpose of this survey, a person who was:

- in a couple relationship with the selected respondent (either a registered or de facto marriage; including same-sex couples); and
- a usual resident of the same household as the respondent; and
- was the same partner during the women's pregnancy.

## **Part-time workers**

Employed persons who usually worked less than 35 hours a week.

### **Part-time workers in main job**

Employed people who usually worked less than 35 hours a week (in their main job) and who did so during the reference week.

## **Paternity/parenting leave**

Paternity/parenting leave is leave provided to employees to care for their newborn child and during the first year of the child's life. Some workplaces offer this paid leave anywhere from 1-14 weeks. This leave does not break continuity of service.

## **Permanently left job**

Ceasing employment in a particular job with no intention of returning.

## **Public/private sector**

The public/private classification is used to identify whether an enterprise is a public or private unit. The public sector includes all government units, such as government departments, non-market non-profit institutions that are controlled and mainly financed by government, and corporations and quasi-corporations that are controlled by government. All other enterprises are classified to the private sector.

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## **Reference week**

The week preceding the week in which the interview was conducted.

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## **Status in employment**

Employed people classified by whether they were employees, employers, own account workers, or contributing family workers.

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## **Time away from work (partner)**

Time away from work taken by owner managers following the birth of a child. Time away from work will generally be unpaid.

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## **Unemployed**

People aged 15 years and over who were not employed during the reference week, and:

- had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and were available for work in the reference week; or
- were waiting to start a new job within four weeks from the end of the reference week, and could have started in the reference week if the job had been available then.

## **Unincorporated enterprise**

A business entity in which the owner and the business are legally inseparable, so that the owner is liable for any business debt that are incurred.

## **Unpaid maternity leave**

Unpaid maternity leave is leave without pay specifically designed so that women can take time off work to care for their child in their first year, without having to permanently leave their job. This period of time away from work does not count as a break in service, as it would for some other types of unpaid leave such as 'leave without pay'.



## **Usual weekly hours of work**

Usual weekly hours of work refers to a typical period rather than to a specified reference period. The concept of usual hours applies both to people at work and to people temporarily absent from work, and is defined as the hours worked during a typical week. The time includes all regular paid and unpaid overtime.

## **Usual hours worked**

The number of hours usually worked.

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## **With paid leave entitlements**

The entitlement of employees (excluding OMIEs) to either paid holiday leave or paid sick leave (or both) in their current job. People employed in their own business or who were contributing family workers were not asked questions about paid leave entitlements.

## **Without paid leave entitlements**

Employees (excluding OMIEs) who were not entitled to paid holiday leave and paid sick leave, or did not know whether they were entitled to paid sick leave and paid holiday leave in their current job.

## **Women with children less than two years old**

The birth mother of a child living in the same household who was under the age of two years at the date of interview. If the birth mother has more than one child under the age of two years, data relates to the pregnancy and work arrangements for the most recent birth.

## **Worked in a job while pregnant**

Women who worked in a job or business for some or all of their pregnancy. This includes women who took paid or unpaid leave and women who had no leave entitlements for the birth depending on their individual employment status.

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# Australian Bureau of Statistics

## 4913.0.55.001 - Microdata: Pregnancy and Employment Transitions, Australia, Nov 2011 Quality Declaration

Latest ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/2013

### ABBREVIATIONS

ABS	Australian Bureau of Statistics
ABSDL	Australian Bureau of Statistics Site Data Laboratory
ANZSCO	Australian and New Zealand Standard Classification of Occupations
ANZSIC	Australian and New Zealand Standard Industrial Classification
CURF	Confidentialised Unit Record File
OMIE	Owner Manager of Incorporated Enterprise
OMUE	Owner Manager of Unincorporated Enterprise
PaETS	Pregnancy and Employment Transitions Survey
RADL	Remote Access Data Laboratory
RSE	Relative Standard Error
SACC	Standard Australian Classification of Countries
SAS	Software package for preparing and executing computerised data analysis
SE	Standard Error
SPSS	Software package for preparing and executing computerised data analysis
STATA	Software package for preparing and executing computerised data analysis

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## 4913.0.55.001 - Microdata: Pregnancy and Employment Transitions, Australia, Nov 2011 Quality Declaration

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### QUALITY DECLARATION - SUMMARY

#### INSTITUTIONAL ENVIRONMENT

Confidentialised Unit Record Files (CURFs) are released in accordance with the conditions specified in the Statistics Determination section of the **Census and Statistics Act 1905** (CSA). This ensures that confidentiality is maintained whilst enabling micro level data to be released. More information on the confidentiality practices associated with CURFs can be found on the About CURF Microdata page.

For information on the institutional environment of the Australian Bureau of Statistics (ABS), including the legislative obligations of the ABS, financing and governance arrangements, and mechanisms for scrutiny of ABS operations, please see [ABS Institutional Environment](#).

#### RELEVANCE

Microdata from the Pregnancy and Employment Transition Survey are available as an Expanded CURF.

The Pregnancy and Employment Transitions Survey microdata contains detailed information about women aged 15 years and over who, had a child under the age of two years at the time of interview in November 2011.

The survey is the major source of data for analysing information on pregnancy and employment transitions of women.

The level of detail provided for selected data items are available within the data item list. The data item list for the Expanded CURF can be found by clicking on the Downloads tab of this product.

#### TIMELINESS

The most recent Pregnancy and Employment Transitions Survey was conducted throughout Australia during November 2011. Previous to this the Pregnancy and Employment Transitions Survey was last conducted in November 2005. Microdata have been released for each of the surveys.

#### ACCURACY

The Pregnancy and Employment Transitions Expanded CURF generally contains finer levels of detail of data items than what is otherwise published in Pregnancy and Employment Transitions, Australia (cat. no. 4913.0). For more information on the level of detail provided, see the associated data item listings available from the Downloads tab of this product.

Steps to confidentialise the microdata are taken in such a way as to maximise the usefulness of the content while maintaining the confidentiality of respondents selected in the survey. As a result, it may not be possible to exactly reconcile all the statistics produced from the microdata with other published statistics. Further information about the steps taken to confidentialise the microdata is available through the following link:

[CURF confidentiality](#)

## **COHERENCE**

The ABS conducted the first Pregnancy and Employment Transitions Survey in November 2005. November 2011 was the second time this Survey has been conducted. Results from most recent survey, Pregnancy and Employment Transitions, Australia (cat. no. 4913.0) were released in November 2012.

Care should be taken when comparing results from the November 2011 Pregnancy and Employment Transitions Survey to the November 2005 Pregnancy and Employment Transitions Survey.

The November 2011 Pregnancy and Employment Transitions survey was redeveloped to better capture information on:

- job details and types of leave taken while women were pregnant;
- job details about women's first job started or returned to since the birth of the child;
- women with a child under 2 years, job at November 2011;
- partner's job details and types of leave taken while women were pregnant;
- job details about partner's first job started or returned to since the birth of the child; and
- partner's job details at November 2011.

Information on key changes made to the Pregnancy and Employment Transitions Survey can be found in the Explanatory Notes of the publication, Pregnancy and Employment Transitions, Australia (cat. no. 4913.0).

## **INTERPRETABILITY**

The information within this product should be referred to when using the microdata. It contains information including survey methodology, File structure, Using the CURF, Conditions of use and the data item lists.

Pregnancy and Employment Transitions, Australia (cat. no. 4913.0) includes information on the survey objectives, survey methods and design, survey content, data quality and interpretation, output data items, information about the availability of results and comparability with previous surveys. Further information can also be found in the Explanatory Notes section of Pregnancy and Employment Transitions, Australia (cat. no. 4913.0).

## **ACCESSIBILITY**

Microdata products are available to approved users. Users wishing to access the microdata should read the [How to Apply for Microdata](#) web page, before applying for access through [MiCRO](#). Users should also familiarise themselves with information available via the [Microdata web pages](#).

A full list of available microdata can be viewed via the [List of expected and available Microdata](#). More detail regarding types and modes of access to CURFs can be found on the [CURF Access Modes and Levels of Detail](#) web page.

The Expanded CURF can be accessed through the [Remote Access Data Laboratory \(RADL\)](#) and the [ABS Data Laboratory \(ABSDL\)](#).

Any questions regarding access to microdata can be forwarded to [microdata.access@abs.gov.au](mailto:microdata.access@abs.gov.au) or phone (02) 6252 7714.

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